

Geretsried, August 29, 2018

## Gardner-scrub ECE 43 – Scrub Abrasion Tester designed to comply with Economic Commission for Europe Regulation on Safety glazing.



## Gardner-Scrub ECE43

BYK-Gardner - worldwide partner of the automotive, paint and plastic industries for quality control of color, appearance and physical properties - is introducing the Gardner-scrub ECE 43.

Safety glass for use in cars and other motorized vehicles has to withstand different conditions than conventional glass products. In order to ensure the quality of vehicle glass the United Nations Economic Commission for Europe (ECE) has issued regulation R43 that specifies standards for safety car glass. The new Gardner-scrub ECE 43 allows for a quick and reliable determination of scratch resistance according to this regulation.

To determine the scratch resistance of glass or plastic materials and coatings used for motorized vehicle windshields, a windshield wiper blade under a specific force and cycle time scrubs the sample. A standardized abrasive liquid solution accelerates the test results. The Gardner-scrub ECE 43 runs two samples simultaneously. The abrasion tester comes with two blade holders, sample holders, liquid containers, and pre-cut wiper blades. The Abrasion Tester simulates on-road abrasive conditions. Dry condition testing is also possible.

Gardner-scrub ECE 43 has a touch-screen display for easy operation. Cycle speed and time are user selectable. Proven drive mechanism for long-term usage. The tester has a compact size to save on counter space. The instrument comes with a two-year warranty and supported by BYK-Gardner's worldwide offices and distributor channels

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More information is available from BYK-Gardner GmbH, P.O. Box 970, 82534 Geretsried, Germany: By fax: +49-8171-3493-140, the free service no. 0-800- gardner (0-800-4273637) or on the Internet at <http://www.byk.com/instruments>

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BYK is one of the world's leading suppliers in the field of additives and measuring instruments. Additives are chemical substances which, when used in small quantities, improve product properties such as scratch resistance or surface gloss. Manufacturing processes are also optimized by the addition of additives.

The coatings, inks, and plastics industries are among the main consumers of BYK additives. Yet with the production of oil and gas, the manufacture of care products, the production of adhesives and sealants, and construction chemistry, too, BYK additives improve the product characteristics and production processes. Testing and measuring instruments from BYK can effectively evaluate the quality of color, gloss, and appearance as well as the physical properties of paint, plastic, and paper products and are an important part of quality control.

As a globally operating specialty chemicals company, BYK has production sites in Wesel, Kempen, Moosburg, Schkopau and Geretsried (Germany), Deventer, Denekamp and Nijverdal (Netherlands), Widnes (UK), Wallingford, Chester, Gonzales, Louisville, Rochester Hills, Earth City (USA) and Tongling (China).

Today the company employs around 2,200 people worldwide and forms part of the ALTANA Group.

This press release is also available on the Internet at [www.byk.com/press](http://www.byk.com/press).